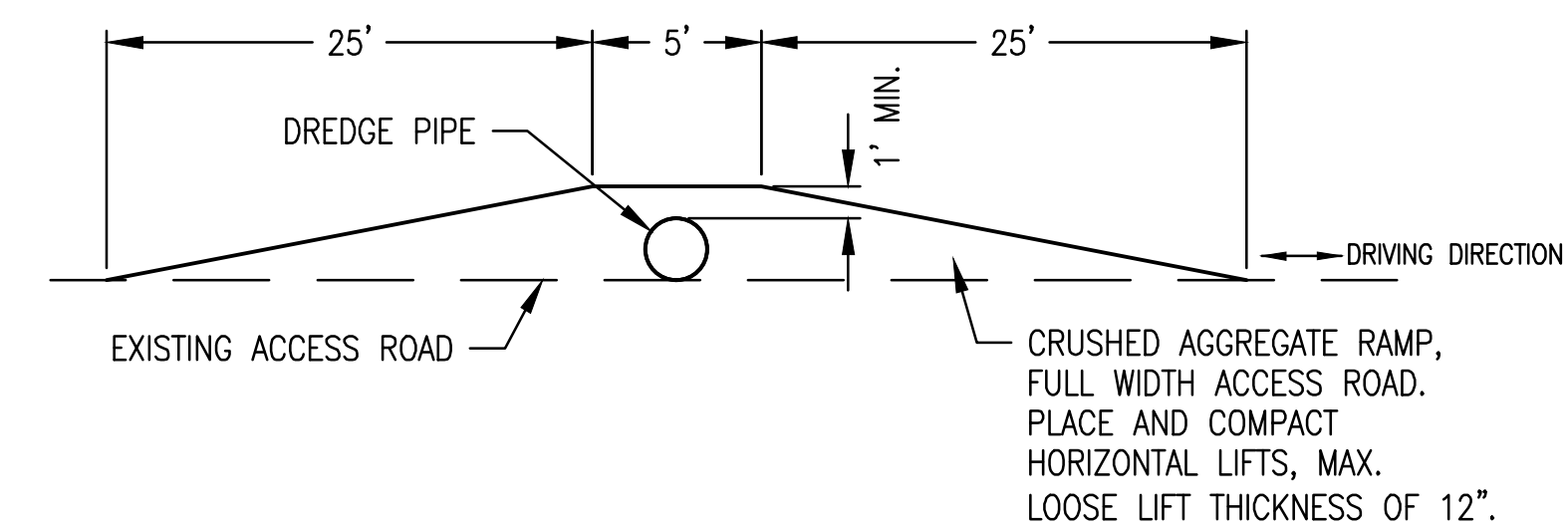
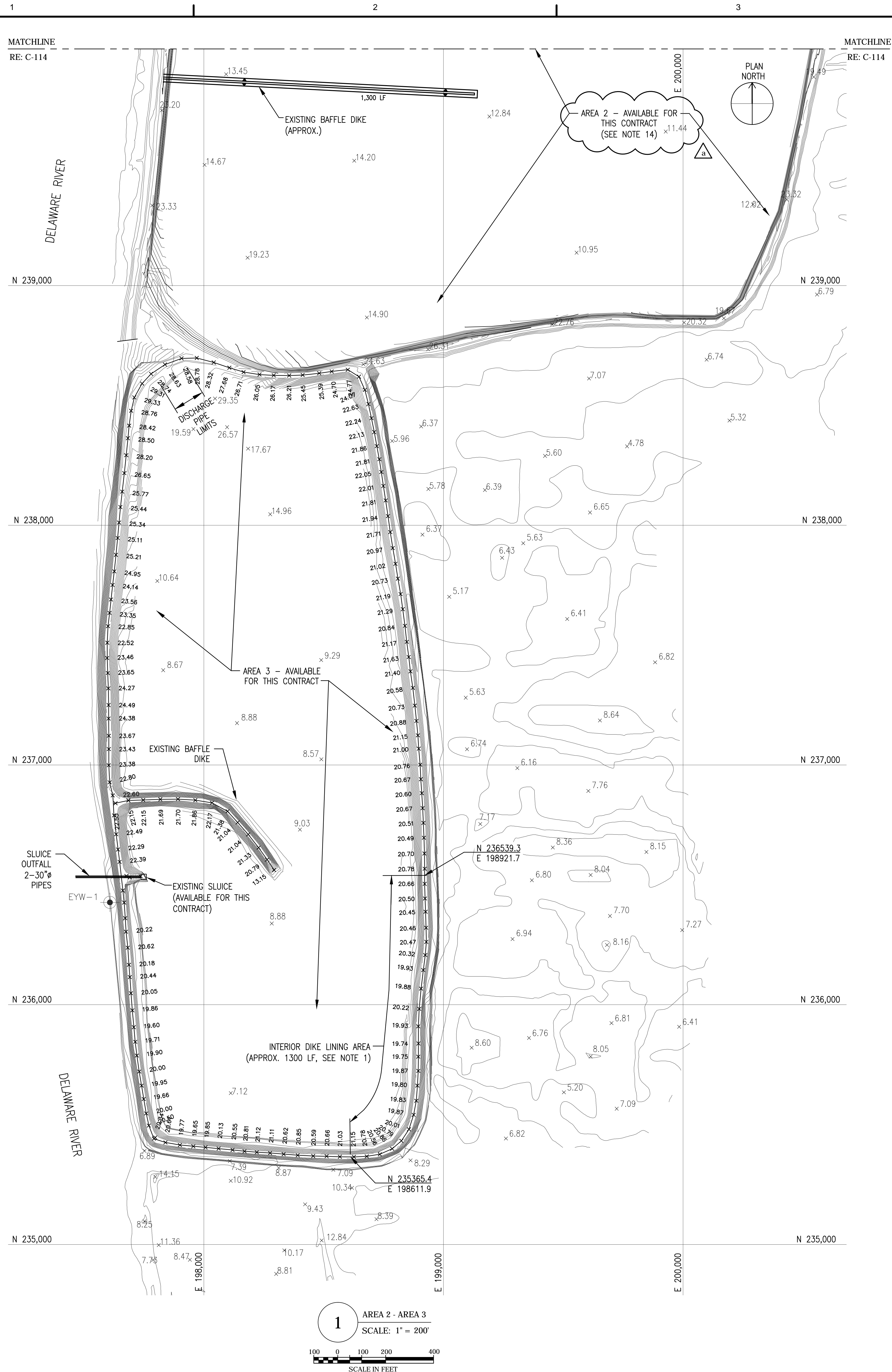




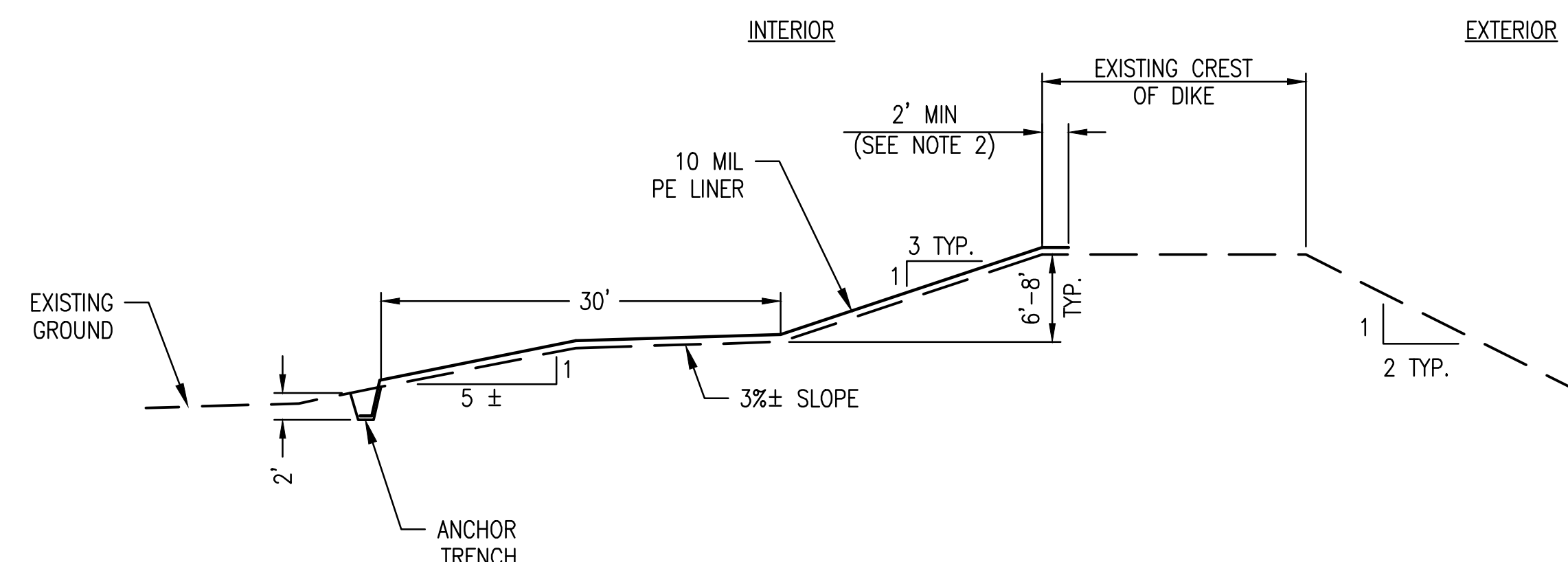
MONITORING WELL DESIGNATION	N.J. PLANE, NAD1983		TOP OF CASING ELEV. (FT., NAVD88)
	NORTHING	EASTING	
ARTIFICIAL ISLAND DISPOSAL AREA			
EYW-01	236428	197609	7.5
EYW-02	240263	200531	10.0
EYW-03	244547	198320	15.2

NOTES:
1. SEE SHEET C-115 FOR DISPOSAL AREA NOTES.

[illegible]



2 DETAIL - DREDGE PIPE ROAD CROSSING
SCALE: N.T.S.



3 DETAIL - INTERIOR DIKE LINING
SCALE= N.T.S.

DISPOSAL AREA NOTES:

- SEE SPECIFICATIONS FOR INTERIOR DIKE LINING REQUIREMENTS.
- SECURE THE LINER AT THE TOP OF SLOPE USING BALLAST, STAKING, OR BURIAL IN AN ANCHOR TRENCH SUCH THAT IT DOES NOT IMPEDE VEHICULAR TRAFFIC, AND AS GOVERNED BY THE COR.
- CLEARING OF VEGETATION AND PREPARATION OF SUBGRADE FOR THE INTERIOR DIKE LINER SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.
- SEE SPECIFICATIONS FOR ACCESS REQUIREMENTS.
- THE SPOT ELEVATIONS SHOWN AROUND THE CREST CENTERLINE OF THE DIKE IN AREA 3 ARE FROM SURVEYS DATED FEBRUARY 2016 AND REPRESENT THE EXISTING CONDITIONS AT THE TIME OF SURVEY. CONTRACTOR SHOULD VERIFY ELEVATIONS PRIOR TO ANY WORK ON THE SITE.
- THE END OF ALL DISCHARGE PIPES SHALL BE LOCATED INSIDE THE DISPOSAL AREA LIMITS AS SPECIFIED IN SPEC SECTION 35 20 23. PIPE SHALL BE LOCATED SUCH THAT THE DISCHARGE DOES NOT SCOUR THE SLOPE FACE OR THE TOE-OF-SLOPE IN THE VICINITY OF THE DISCHARGE AREA.
- BORROW FOR DIKING MATERIAL MAY BE OBTAINED FROM WITHIN THE DISPOSAL AREA, BUT NOT CLOSER THAN 50 FEET FROM THE INSIDE TOE OF THE DIKE SECTIONS.
- THE LOCATIONS OF THE EXISTING INSTRUMENTATION (I.E., MONITORING WELLS, ETC.) ARE APPROXIMATE. IF CONTRACTOR IS UNABLE TO LOCATE THE EXISTING INSTRUMENTATION, THE COR SHALL BE NOTIFIED PRIOR TO BEGINNING WORK IN THAT AREA. THE CONTRACTOR SHALL NOT DISTURB EXISTING INSTRUMENTATION. ANY COSTS FOR REPAIR AND/OR REPLACEMENT OF INSTRUMENTATION SHALL BE INCURRED BY THE CONTRACTOR. DIKES SHALL NOT BE CUT WITHIN 100' OF EXISTING INSTRUMENTATION.
- TOPOGRAPHY SHOWN IS BASED ON AERIAL PHOTOGRAPHY DATED MAY 2007, AND INCORPORATION OF MORE RECENT SURVEYS PERFORMED IN INDIVIDUAL AREAS WITHIN THE SITE. AREA 2 WAS SURVEYED IN 2012. AREA 3 SURVEYS WERE PERFORMED AFTER A DIKE RAISING CONTRACT WHICH WAS COMPLETED IN JANUARY 2016, WITH THE EXCEPTION OF THE CREST CENTERLINE (SEE NOTE 3). ALL TOPOGRAPHIC INFORMATION SHOWN CAN ONLY BE CONSIDERED INDICATIVE OF THE SITE CONDITIONS AS THEY EXISTED AT THAT TIME. SIGNIFICANT EARTHWORK HAS BEEN PERFORMED IN THE DISPOSAL AREA SINCE THE DATE OF SURVEYS. THE CONTRACTOR IS ENCOURAGED TO VISIT THE SITES WHERE WORK IS TO BE PERFORMED TO ACQUAINT THEMSELVES WITH EXISTING CONDITIONS THAT COULD AFFECT PROJECT COST.
- FOR INSTRUMENTATION TABLE, SEE SHEET C-114.
- CONTRACTOR SHALL ENSURE THAT THE DREDGE DISCHARGE PIPES ARE PLACED WITHIN THE DISCHARGE LIMITS SPECIFIED FOR THE DISPOSAL AREA, AND SUPPORTED IN ACCORDANCE WITH THE SPECIFICATIONS.
- HORIZONTAL DATUM- NEW JERSEY STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM, 1983 ADJUSTMENT.
- VERTICAL DATUM- ELEVATIONS REFERENCED TO NORTH AMERICAN VERTICAL DATUM, 1988.
- AREA 2 SHALL BE UTILIZED FOR DEPOSITION OF DREDGED MATERIAL IF THE CAPACITY OF AREA 3 IS EXCEEDED AS APPROVED OR OTHERWISE DIRECTED BY THE COR.

US Army Corps of Engineers
Philadelphia District

NO.	DATE	BY	DESCRIPTION
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U.S. ARMY CORPS OF ENGINEERS
PHILADELPHIA DISTRICT
PHILADELPHIA, PA 19107-3380
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DELAWARE RIVER MAIN CHANNEL DEEPENING
PENNSYLVANIA, NEW JERSEY & DELAWARE

DREDGING
PLAN - ARTIFICIAL ISLAND DISPOSAL AREA

SHEET NUMBER
C-115